



**FAA**  
Aircraft Certification Service

## **SPECIAL AIRWORTHINESS INFORMATION BULLETIN**

<http://www.faa.gov/aircraft/safety/alerts/SAIB>

**SAIB: NM-07-36**

**Date: June 8, 2007**

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*This is information only. Recommendations aren't mandatory.*

### **Introduction**

This Special Airworthiness Information Bulletin (SAIB) advises you, owners and operators of **The Boeing Company Model 737-100, -200, -300, -400, and, -500 airplanes**, to install a grounding plate and bonding jumper to improve electrical bonds between pitot probes and airplane structure.

### **Background**

This SAIB is prompted by an operator report of fire and smoke from the flight deck lower left hand sidewall during approach. Investigation showed the probe heater had shorted to its case, and that a high bond resistance between probe and airplane let current flow through the flexible hose by way of the metal spiral hose reinforcement. Enough heat was generated to cause burning of the hose.

### **Recommendations**

We recommend that you incorporate Boeing Special Attention Service Bulletin (SASB) 737-34-1710 Revision 2, dated August 31, 2006. This SASB provides instructions for installation of a ground plate, jumper, and ground stud, and replacement of alloy steel screws with CRES screws at each pitot probe installation.

### **For Further Information Contact**

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### **For Service Bulletin Information Contact**

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<https://www.myboeingfleet.com/boldweb/index.bhtml>